

CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 10/24/06

AGENDA ITEM 5

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Library Plaza Lighting Improvement Project: Award of Contract and Appropriation of Funds

RECOMMENDATION:

It is recommended that the City Council adopt the attached resolutions awarding the contract to National Electric, Inc., in the amount of \$187,057, and appropriating funds for this purpose.

BACKGROUND:

The Adopted 2006-07 Capital Improvement Program includes a project to improve the lighting at the Hayward Public Library Plaza. The original appropriation of \$60,000 was meant to cover only minor improvements to the lighting.

The City contracted with Zeiger Engineers at a cost of \$13,000 to analyze existing lighting levels, propose a lighting update, and prepare plans and specifications to complete the project. Existing lighting levels analysis results revealed inadequate and uneven lighting. This required the scope of the project to be expanded considerably to include additional new light poles as well as new canopy lights.

The expanded Library Plaza Lighting Improvement Project includes, in general, the removal and disposal of existing luminaires, poles, and foundations; installation of new luminaires poles, foundations, pull-boxes, conduit, and conductors; and modifying the existing electrical panel (see Exhibit A).

The revised design for this project was reviewed with the Library Director and then presented to the Library Commission on September 18. After discussing this item, the Library Commission deemed the design appropriate for this project.

In September 2006, plans and specifications for this project were sent to six electrical contractors that had the appropriate licenses and experience for such work. On October 11, 2006, three bids were received ranging from \$187,057 to \$236,970. National Electric, Inc., of Union City submitted the low bid in the amount of \$187,057, which is approximately 25 percent above the Engineer's Estimate of \$150,000. Columbia Electric, Inc., submitted the second low bid in the amount of \$210,975, which is approximately 40 percent above the Engineer's Estimate.

All bid documents and licenses are in order and staff recommends award of the contract to National Electric, Inc.

PROJECT COST:

| | |
|--|-------------------|
| Construction Cost | \$187,057 |
| Design (includes consultant construction support services) | 13,000 |
| Inspection | 9,943 |
| Total | <u>\$ 210,000</u> |

FUNDING:

The adopted 2006/07 Capital Improvement Program includes an appropriation of \$60,000 for this project in the Street Lighting Fund. An additional appropriation from the Street Lighting Fund in the amount of \$150,000 is needed to complete this project.

SCHEDULE:

The following schedule has been developed for this project:


| | |
|-----------------------|------------------|
| Award Contract | October 24, 2006 |
| Begin Construction | November 6, 2006 |
| Complete Construction | February 6, 2007 |

Prepared by:



Morad Fakhrai, Deputy Director of Public Works

Recommended by:



Robert A. Bauman, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachments: Exhibit A: Location Map
Exhibit B: Summary of Bids

**DUE TO THE LENGTH OR COLOR
OF THE REFERENCED EXHIBIT,
IT HAS BEEN ATTACHED AS A
SEPARATE LINK.**

(NUMBER OF BIDS RECEIVED -3)

| BID SUMMARY | | | | ENGINEER'S ESTIMATE | | NATIONAL ELECTRIC 2837-B WHIPPLE ROAD UNION CITY CA 94587 Ph: Fax: | | COLUMBIA ELECTRIC, INC. 1980 DAVIS STREET SAN LEANDRO CA 94577 Ph: Fax: | |
|-------------|----------|------|---|---------------------|-------------------|--|-------------------|---|-------------------|
| ITEM | QUANTITY | UNIT | DESCRIPTION | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 1. | 13 | EA | PURCHASE AND INSTALL NEW 70W CANOPY DOWN LIGHT MOUNTED ON CEILING | 600.00 | 7,800.00 | 798.00 | 10,374.00 | 1,100.00 | 14,300.00 |
| 2. | 10 | EA | PURCHASE AND INSTALL NEW FIXTURE & LIGHT POLE ON EXISTING FOUNDATION | 2,200.00 | 22,000.00 | 2,779.00 | 27,790.00 | 3,750.00 | 37,500.00 |
| 3. | 21 | EA | PURCHASE AND INSTALL NEW LIGHT POLE, FIXTURE, AND NEW FOUNDATION | 3,500.00 | 73,500.00 | 3,306.00 | 69,426.00 | 4,400.00 | 92,400.00 |
| 4. | 3 | EA | PURCHASE AND INSTALL NEW 100W CANOPY DOWN LIGHT WITH EYELID MOUNTED ON WALL | 625.00 | 1,875.00 | 866.00 | 2,598.00 | 1,050.00 | 3,150.00 |
| 5. | 5 | EA | PURCHASE AND INSTALL NEW 100W CANOPY DOWN LIGHT MOUNTED ON CEILING | 600.00 | 3,000.00 | 831.00 | 4,155.00 | 1,000.00 | 5,000.00 |
| 6. | 8 | EA | REMOVAL AND DISPOSAL OF EXISTING DECORATIVE LIGHTS AND FOUNDATION | 200.00 | 1,600.00 | 946.00 | 7,568.00 | 1,000.00 | 8,000.00 |
| 7. | 10 | EA | REMOVAL AND DISPOSAL OF EXISTING SHOE BOX LIGHTS | 200.00 | 2,000.00 | 383.00 | 3,830.00 | 700.00 | 7,000.00 |
| 8. | 20 | CLF | #10 THWN COPPER (2000 FEET TOTAL) | 120.00 | 2,400.00 | 89.00 | 1,780.00 | 375.00 | 7,500.00 |
| 9. | 2 | CLF | #12 THWN COPPER (200 FEET TOTAL) | 150.00 | 300.00 | 76.00 | 152.00 | 375.00 | 750.00 |
| 10. | 16 | EA | N9 CHRISTY BOX | 300.00 | 4,800.00 | 470.00 | 7,520.00 | 275.00 | 4,400.00 |
| 11. | 1 | LS | MODIFICATION OF EXISTING PANEL & CONTRACTOR | 600.00 | 600.00 | 1,068.00 | 1,068.00 | 1,000.00 | 1,000.00 |
| 12. | 650 | LF | TRENCHING AND INSTALLATION OF 1-1/4 INCH CONDUIT | 18.00 | 11,700.00 | 33.55 | 21,807.50 | 18.00 | 11,700.00 |
| 13. | 50 | LF | 3/4 INCH INT (ELECTRICAL METALLIC) | 18.00 | 900.00 | 7.42 | 371.00 | 10.00 | 500.00 |
| 14. | 650 | SF | TURF (SOD) | 4.00 | 2,600.00 | 8.90 | 5,785.00 | 3.50 | 2,275.00 |
| 15. | 1 | LS | CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING | 925.00 | 925.00 | 3,818.00 | 3,818.00 | 1,500.00 | 1,500.00 |
| 100. | 1 | LS | ADMINISTRATIVE CHANGE ORDERS | 14,000.00 | 14,000.00 | 14,000.00 | 14,000.00 | 14,000.00 | 14,000.00 |
| | | | TOTAL | | 150,000.00 | | 182,042.50 | | 210,975.00 |

Exhibit B-1

(NUMBER OF BIDS RECEIVED -3)

| BID SUMMARY | | | | ENGINEER'S ESTIMATE | | ST. FRANCIS ELECTRIC, INC. 601 ALADDIN AVENUE SAN LEANDRO CA 94577 Ph: Fax: | |
|-------------|----------|------|---|---------------------|-------------------|---|-------------------|
| ITEM | QUANTITY | UNIT | DESCRIPTION | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 1. | 13 | EA | PURCHASE AND INSTALL NEW 70W CANOPY DOWN LIGHT MOUNTED ON CEILING | 600.00 | 7,800.00 | 1,500.00 | 19,500.00 |
| 2. | 10 | EA | PURCHASE AND INSTALL NEW FIXTURE & LIGHT POLE ON EXISTING FOUNDATION | 2,200.00 | 22,000.00 | 2,900.00 | 29,000.00 |
| 3. | 21 | EA | PURCHASE AND INSTALL NEW LIGHT POLE, FIXTURE, AND NEW FOUNDATION | 3,500.00 | 73,500.00 | 4,500.00 | 94,500.00 |
| 4. | 3 | EA | PURCHASE AND INSTALL NEW 100W CANOPY DOWN LIGHT WITH EYELID MOUNTED ON WALL | 625.00 | 1,875.00 | 1,200.00 | 3,600.00 |
| 5. | 5 | EA | PURCHASE AND INSTALL NEW 100W CANOPY DOWN LIGHT MOUNTED ON CEILING | 600.00 | 3,000.00 | 1,500.00 | 7,500.00 |
| 6. | 8 | EA | REMOVAL AND DISPOSAL OF EXISTING DECORATIVE LIGHTS AND FOUNDATION | 200.00 | 1,600.00 | 650.00 | 5,200.00 |
| 7. | 10 | EA | REMOVAL AND DISPOSAL OF EXISTING SHOE BOX LIGHTS | 200.00 | 2,000.00 | 190.00 | 1,900.00 |
| 8. | 20 | CLF | #10 THWN COPPER (2000 FEET TOTAL) | 120.00 | 2,400.00 | 520.00 | 10,400.00 |
| 9. | 2 | CLF | #12 THWN COPPER (200 FEET TOTAL) | 150.00 | 300.00 | 510.00 | 1,020.00 |
| 10. | 16 | EA | N9 CHRISTY BOX | 300.00 | 4,800.00 | 350.00 | 5,600.00 |
| 11. | 1 | LS | MODIFICATION OF EXISTING PANEL & CONTRACTOR | 600.00 | 600.00 | 750.00 | 750.00 |
| 12. | 650 | LF | TRENCHING AND INSTALLATION OF 1-1/4 INCH CONDUIT | 18.00 | 11,700.00 | 20.00 | 13,000.00 |
| 13. | 50 | LF | 3/4 INCH INT (ELECTRICAL METALLIC) | 18.00 | 900.00 | 25.00 | 1,250.00 |
| 14. | 650 | SF | TURF (SOD) | 4.00 | 2,600.00 | 5.00 | 3,250.00 |
| 15. | 1 | LS | CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING | 925.00 | 925.00 | 26,500.00 | 26,500.00 |
| 100. | 1 | LS | ADMINISTRATIVE CHANGE ORDERS | 14,000.00 | 14,000.00 | 14,000.00 | 14,000.00 |
| | | | TOTAL | | 150,000.00 | | 236,970.00 |

Exhibit B-2

DRAFT *NH 10/19/06*

HAYWARD CITY COUNCIL

RESOLUTION NO. 06-

Introduced by Council Member _____

RESOLUTION AWARDDING THE CONTRACT TO NATIONAL
ELECTRIC, INC., FOR THE LIBRARY PLAZA LIGHTING
IMPROVEMENT PROJECT, PROJECT NO. 5142

WHEREAS, the Adopted 2006-07 Capital Improvement Program included an appropriation of \$60,000 for improvements to the lighting at the Hayward Public Library; and

WHEREAS, the City contracted with Zeiger Engineers to analyze existing lighting levels, propose a lighting update, and prepare plans and specifications to complete the project; and

WHEREAS, analysis of existing lighting levels revealed inadequate and uneven lighting levels, requiring expansion of the scope of the project; and

WHEREAS, in September 2006, plans and specifications prepared by Zeiger Engineers for this project were sent to six electrical contractors and, on October 11, 2006, three bids were received ranging from \$187,057 to \$236,970; National Electric, Inc. of Union City submitted the low bid in the amount of \$187,057, which is approximately 25 percent above the Engineer's Estimate of \$150,000.

NOW, THEREFORE, BE IT RESOLVED that National Electric is hereby awarded the contract for the Library Plaza Lighting Improvement Project, Project 5142, at and for the price named and stated in the final proposal of the hereinabove specified contractor, and all other bids are hereby rejected.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2006

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward

DRAFT NH
10/19/06

HAYWARD CITY COUNCIL

RESOLUTION NO. 06-

Introduced by Council Member

RESOLUTION AMENDING RESOLUTION 06-081, AS
AMENDED, THE CAPITAL IMPROVEMENT BUDGET
RESOLUTION FOR FISCAL YEAR 2006-07, RELATING
TO AN APPROPRIATION OF FUNDS FROM THE
CITY'S STREET LIGHTING FUND, FUND 422 FOR
THE LIBRARY LIGHTING IMPROVEMENT PROJECT,
PROJECT NO. 5142

BE IT RESOLVED by the City Council of the City of Hayward that
Resolution No. 06-081, as amended, the Capital Improvement Budget Resolution for
Fiscal Year 2006-07, is hereby amended by approving an appropriation of \$150,000 from
the City Street Lighting Fund, Fund 422 to the Library Lighting Improvement Project,
Project No. 5142.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2006

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward